

ABSTRACT

An object of the invention is to improve patterning accuracy while maintaining low cost, high throughput and a high degree of freedom of an optical material in a matrix type display device and a manufacturing method thereof.

In order to achieve the object, a difference in height, a desired distribution of liquid repellency and ~~lyophilicity~~wettability, or a desired potential distribution is formed by utilizing first bus lines in a passive matrix type display device or utilizing scanning lines, signal lines, common current supply lines, pixel electrodes, an interlevel insulation film, or a light shielding layer in an active matrix type display device. A liquid optical material is selectively coated at predetermined positions by utilizing the difference in height, the desired distribution of liquid repellency and ~~lyophilicity~~wettability, or the desired potential distribution.